DATALOGIC

Gryphon™ L GD4300

General Purpose Corded
Handheld Laser Bar Code Reader

Quick Reference Guide

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Patents

This product is covered by one or more of the following patents.

Design Patents: EP 870,787

US Patents: 5,144,118; 5,311,000; 5,481,098; 5,493,108; 5,929,421;5,992,740; 6,517,003 B2; 6,808,114 B1; 6,997,385 B2; 7,387,246 B2.

European Patents: 789,315 B1; 1,128,314 B1; 1,128,315 B1; 1,396,811 B1; 1,413,971 B1.

Additional Patents pending.

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Datalogic Scanning, Inc.

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7.1 Datalogic will defend End User against any claim in a lawsuit that the Datalogic Product furnished hereunder infringe a United States patent or copyright of a third party and Datalogic will pay any damages finally awarded against End User by a court of competent jurisdiction that are attributable to such claim or will pay End User's part of any settlement that is attributable to such claim, provided, that 1) End User notifies Datalogic promptly in writing of the claim, 2) Datalogic controls the defense or settlement of the claim, and 3) End User cooperates fully with Datalogic in such defense or settlement. All notices of a claim should be sent to Datalogic Scanning, Inc., Legal Department, 959 Terry Street, Eugene, OR 97402.

7.2 In the defense or settlement of any such claim, Datalogic may, at its option, 1) procure for End User the right to continue using the Datalogic Product, 2) modify the Datalogic Product so that it becomes non-infringing, 3) replace the Datalogic Product with an equivalent product not subject to such claim, or 4) provide End User an opportunity to return the Datalogic Product and receive a refund of the purchase price paid, less a reasonable allowance for use.

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10.1 Either party may terminate this Agreement or any license granted under this Agreement at any time upon written notice if the other party breaches any provision of this Agreement.

10.2 Upon termination of this Agreement, End User immediately shall cease using any nonembedded software and shall return to Datalogic or destroy all non-embedded software covered by this Agreement, and shall furnish Datalogic with a certificate of compliance with this provision signed by an officer or authorized representative of End User. For embedded software, End User agrees to sign a waiver prepared by Datalogic concerning further use of the embedded Software. End User's resumed or continued use of the embedded Software after termination shall constitute End User's agreement to be bound by the terms and conditions of this Agreement for such use.

11. General Provisions.

11.1 Entire Agreement; Amendment. This document contains the entire agreement between the parties relating to the licensing of the Software and supersedes all prior or contemporaneous agreements, written or oral, between the parties concerning the licensing of the Software. This Agreement may not be changed, amended, or modified except by written document signed by Datalogic.

11.2 Notice. All notices required or authorized under this Agreement shall be given in writing, and shall be effective when received, with evidence of receipt. Notices to Datalogic shall be sent to the attention of Contract Administration, Datalogic Scanning, Inc., 959 Terry Street, Eugene, OR 97402, or such other address as may be specified by Datalogic in writing.

11.3 Waiver. A party's failure to enforce any of the terms and conditions of this Agreement shall not prevent the party's later enforcement of such terms and conditions.

11.4 Governing Law; Venue: This Agreement and the rights of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Oregon U.S.A, without regard to the rules governing conflicts of law. The state or federal courts of the State of Oregon located in either Multnomah or Lane counties shall have exclusive jurisdiction over all matters regarding this Agreement, except that Datalogic shall have the right, at its absolute discretion, to initiate proceedings in the courts of any other state, country, or territory in which End User resides, or in which any of End User's assets are located.

11.5 Attorneys' Fees. In the event an action is brought to enforce the terms and conditions of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees, both at trial and on appeal.

- END -

Software Product Policy

Datalogic reserves the right to ship its products with the latest version of software/firmware available. This provides our customers with the very latest in Datalogic software technology.
The only exception to this policy is when the buyer has a signed contract with Datalogic that clearly defines the terms and conditions for making software/firmware changes in products shipped to the buyer.

Customers Under Software Support

Customers that elect to subscribe to Datalogic Software Maintenance and Support Agreement will receive 30 days advance notification of: (1) the release of a new software version; and/or (2) discontinuation of any prior software version that will no longer be supported. Datalogic will provide maintenance for a fee that will assist customers in transitioning to the next software version. If a customer is currently using the software version being discontinued, the customer may elect to transition to any one of the newer versions, depending on the hardware in use.
To arrange for a Software Maintenance and Support Agreement please contact your Datalogic sales person.

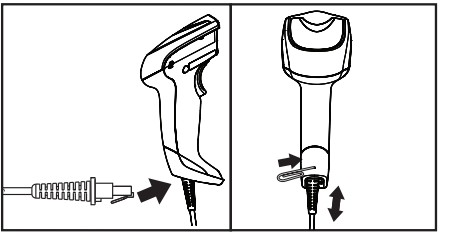
Technical Features

Item	Description
Physical Characteristics	
Color	White/Grey Black/Grey
Dimensions	Height 7.1" / 181mm Length 3.9" / 100mm Width 2.8" / 71mm
Weight (without cable)	Approximately 6.0 ounces/169 g
Electrical Characteristics	
Voltage & Current	**GD4330 model:** Input current at 5V±5% = 260 mA (max) 2.5 mA (USB suspend) Standby (typical) ≤ 30mA **GD4310 model:** Input Power = 1.2W max in the 4.5÷14V range 2.5 mA (USB suspend) Standby (typical) ≤ 30mA
Performance Characteristics	
Light Source	650nm Class 2 Laser
Pitch (Yaw)	± 50°
Skew	± 65°
Roll (Tilt)	± 35°
Scan Angle	47° (normal) or 35° (narrow)
Depth of Field (Typical)	5 mil - 1.4" to 6.22" (3,6cm to 15,8cm) 13 mil* – 0.87" to 18.7" (2,2cm to 47,5cm) 20 mil – up to 27.1" (to 69cm)
Minimum Element Width	4 mil
Print Contrast Minimum (Typical)	15% minimum reflectance
Decode Capability	UPC/EAN/JAN, P2 /P5 add-ons; Code 39; Code 32; Code 128; Code 128 ISBT; Code 128 add-ons; Interleaved 2 of 5; Standard 2 of 5; Code 11; Codabar; EAN 128; GS1 DataBar™ Omnidirectional, GS1 DataBar™ Limited, GS1 DataBar™ Expanded, Code 4, Code 5, Follett 2 of 5.

Interfaces Supported	RS-232 Std., RS-232 Wincor-Nixdorf, RS-232 OPOS, IBM 46xx (ports5B and 9B), USB Com Std., USB Keyboard, USB Alternate Keyboard,USB OEM, Keyboard Wedge (AT with or w/o Alternate Key, IBM AT PS2 with or w/o Alternate Key, PC-XT, IBM 3153, IBM Terminals 31xx, 32xx,34xx, 37xx make only and make break keyboard, Digital Terminals VT2x, VT3xx, VT4xx, and Apple) and Wand Emulation.
User Environment	
Operative Temperature	32° to 122° F (0° to 50° C)
Storage Temperature	-4° to 158° F (-20° to 70° C)
Humidity	Operating: 5% to 90% relative humidity, non condensing
Drop specifications	18 drops from 1.8 meters (5.9 feet) to concrete
Ambient Light immunity	Up to 100,000 Lux
Contaminants	IP52
ESD Level	16 KV
Regulatory	
Electrical Safety	IEC 60950-1 , CAN/CSA-C22.2 No. 60950-1-03; UL 60950-1
Laser Safety	EN/IEC 60825-1 Class 2 21 CFR 1040 (CDRH) (Class2)
Led class Safety	IEC Class 1
EMI/RFI	North America (FCC) : Part 15 Class B, Canada (IC) : ICES-003 Class B, European Union EMC Directive, Australian (C-tick) , Russia (Gost), Mexico (NOM NYCE), South Korea (KCC)

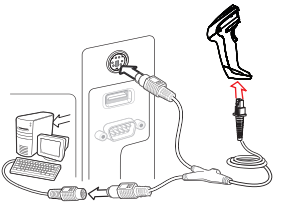
* (13 mils DOF based on EAN. All others are Code 39. All labels grade A, typical environmental light, 20°C, label inclination 10°)

1 Connect/Disconnect Cable

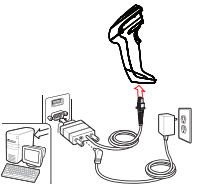


2 Connect Host Interface

Keyboard Wedge Interface

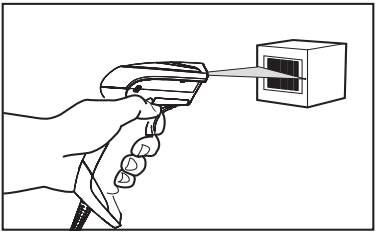


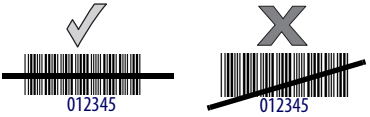
RS-232 Interface



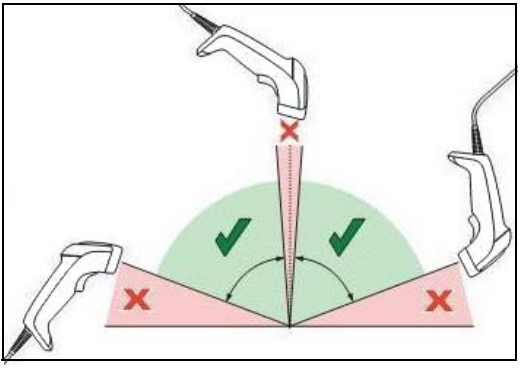
USB Interface

3 Aim and Scan

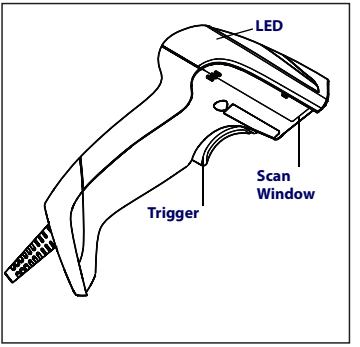




The area shown in green below illustrates the area of typical maximum performance for the scanner.



Parts of the Reader



Scanning Modes

The reader can operate in one of several scanning modes:

Trigger Single — When the trigger is pulled, scanning is activated until one of the following occurs:

- a programmable duration[1] has elapsed
- a label has been read
- the trigger is released

This mode is associated with typical handheld reader operation: when the trigger is pulled, scanning starts and the product scans until the trigger is released, or a label is read, or the maximum programmable duration[1] has elapsed.

Trigger Hold Multiple — When the trigger is pulled, scanning starts and the product scans until the trigger is released or a programmable duration[1] has elapsed. Reading a label does not disable scanning. Double Read Timeout[2] prevents undesired multiple reads while in this mode.

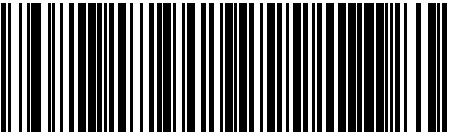
Trigger Pulse Multiple — When the trigger is pulled and released, scanning is activated until programmable duration[1] has elapsed or the trigger has been pulled again to transition to another state. Double Read Timeout[2] prevents undesired multiple reads while in this mode.

1. See the Product Reference Guide (PRG) for additional programmable features, in this case: Scanning Active Time.
2. Double Read Timeout is also programmed using the PRG.

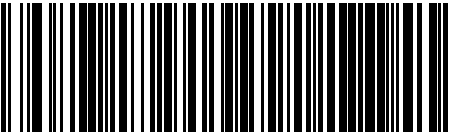
Flashing — The reader flashes[1] on and off regardless of the trigger status.

Always On — No trigger pull is required to read a barcode. Scanning is continually on[2].

Stand Mode — No trigger pull is required to read a barcode. Scanning is alternatively turned on and off.



Scan Mode = Trigger Single

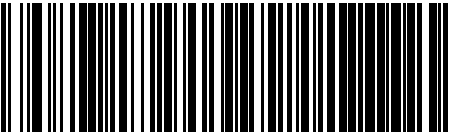


Scan Mode = Trigger Hold Multiple

Scan Mode = Trigger Pulse Multiple

1. Controlled by Flash On Time and Flash Off Time. Use the PRG to program these options.
2. For energy saving purposes, the Always On feature has a user programmable timeout (default 5 hours of inactivity). A single manual trigger pull is required to reactivate the scanner after the timeout.

Scanning Modes — continued



Scan Mode = Flashing

Scan Mode = Always On

Scan Mode = Stand Mode

Troubleshooting

Problem	Possible Cause	Possible Solutions
Nothing happens when the scan button is pulled.	No power to the reader.	Check system power. Ensure power supply is connected.
	Interface or power cables are loose.	Ensure all cable connections are secure.
Laser comes on, but barcode does not decode.	Reader not programmed for correct barcode type.	Ensure reader is programmed to read the type of barcode scanned. Refer to the Product Reference Guide (PRG) for more information.
	Barcode label is unreadable.	Check the label to ensure it is not defaced. Try scanning another barcode type.
	Distance between reader and barcode is incorrect.	Move reader closer to or further from the barcode.
Barcode is decoded but not transmitted to the host.	Reader not programmed for the correct host type.	Scan the appropriate host type barcode. Refer to the Product Reference Guide (PRG) for more information.

For detailed troubleshooting, refer to the Product Reference Guide.

LED and Beeper Indications

The reader's beeper sounds and its LED illuminates to indicate various functions or errors on the reader. A "Green Spot" also lights to indicate a good read. The tables below list these indications. One exception to the behaviors listed in the tables is that the reader's functions are programmable, and may or may not be turned on. For example, certain indications, such as the power-up beep can be disabled using programming barcode labels. Reference the PRG for a more detailed list.

Indication	LED	Beeper
Power-up	LED flashes/blinks on power-up, however, this may be too rapid to view. With a USB interface, the LED blinks until enumeration with the host is completed.	Reader beeps four times at highest frequency and volume upon power-up.
Good Read	LED behavior for this indication is configurable using the PRG.	One beep at current frequency, volume, mono/bi-tonal setting upon a successful label scan.
ROM Failure	200ms on / 200ms off	Reader sounds one error beep at highest volume for 200 mS.
Limited Scanning Label Read	N/A	Reader 'chirps' six times at the highest frequency and current volume.
Reader Disabled	The LED blinks continuously 100ms on / 900 ms off	N/A

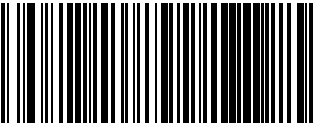
Programming Barcodes

For your convenience, this guide includes the programming barcodes required to configure the reader for use with different interface (terminal/host) types.

See the Product Reference Guide (PRG) for more complete information about programming and configurable features. You can download the latest version of the PRG and any other available publications for the reader from the website listed on the back cover of this manual.

Resetting the Standard Product Defaults

If you aren't sure what programming options are in your reader, or you've changed some options and want the factory settings restored, scan the Factory Default Settings barcode below. This will copy the factory configuration for the currently active interface to the current configuration.

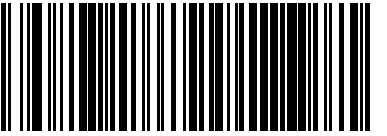


Factory Default Settings

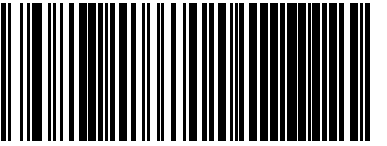
Some interfaces require the scanner to start in the disabled state when powered up. If additional scanner configuration is desired while in this state, pull the trigger and hold it for five seconds. The scanner will change to a state that allows programming with barcodes.

RS-232 Interface

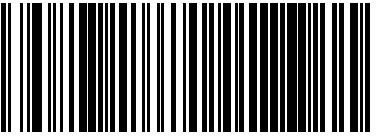
To use an RS-232 interface, scan the barcode for the desired RS-232 host type.



Select RS-232 Standard

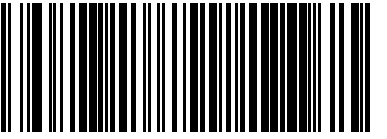


Select RS-232 Wincor Nixdorf

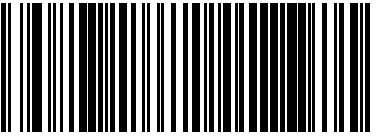


Select RS-232 OPOS (for use with OPOS/UPOS/JavaPOS)

IBM Interface



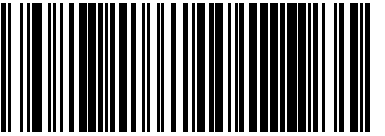
Select IBM Port 5B



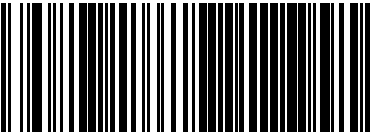
Select IBM Port 9B

USB Interface

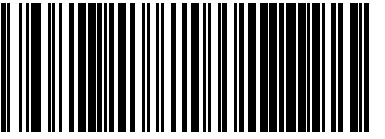
The reader attaches directly to a USB host, or a powered USB hub, and is powered by it. No additional power supply is required. When using a USB interface, the reader auto-detects the USB cable and defaults to either the USB keyboard interface (GD4330) or USB-OEM interface (GD4310).



Select USB Keyboard (with standard key encoding)



Select USB-COM-STD[1] (simulates RS-232 standard interface)



Select USB Alternate Keyboard (with alternate key encoding)

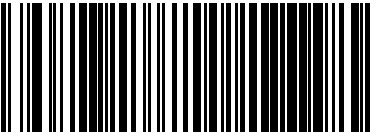
Select USB OEM

Select USB-KBD-APPLE (for Apple computers)

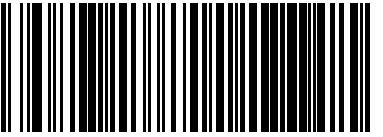
1. Download the correct USB Com driver from www.datalogic.com.

Keyboard Wedge Interface

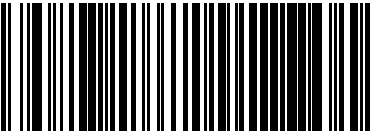
To use a Keyboard Wedge interface, scan the barcode for the desired keyboard type.



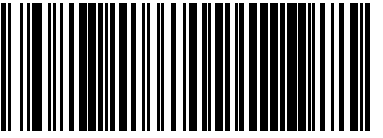
Select KBD-AT
(AT, PS/2 25-286, 30-286, 50, 50Z, 60, 70, 80, 90 & 95 w/Standard Key Encoding)



Select KBD-AT-NK
(IBM AT PS2 with standard key encoding but without external keyboard)

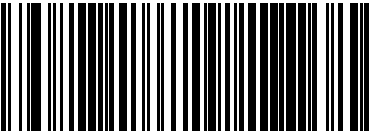


Select KBD-AT-ALT
(AT, PS/2 25-286, 30-286, 50, 50Z, 60, 70, 80, 90 & 95 w/Alternate Key)

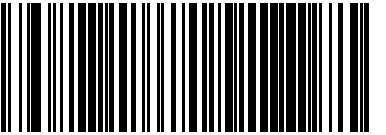


Select KBD-AT-ALT-NK (for IBM AT PS2 with alternate key encoding but without external keyboard)

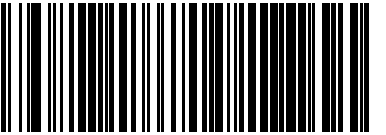
Keyboard Wedge Interface — continued



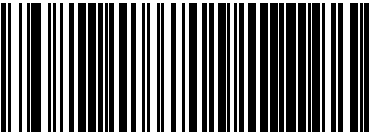
Select KBD-XT (PC/XT w/Standard Key Encoding)



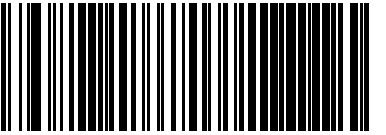
Select KBD-IBM-3153 (for IBM Terminal 3153)



Select KBD-IBM-M
(for IBM Terminals 31xx, 32xx, 34xx, 37xx make only keyboard)



Select KBD-IBM-MB
(for IBM Terminals 31xx, 32xx, 34xx, 37xx make break keyboard)



Select KBD-DIG-VT
(for DIGITAL Terminals VT2xx, VT3xx, VT4xx)

Ergonomic Recommendations

To avoid or minimize the potential risk of ergonomic injury, follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

Regulatory Information

All models are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.
Any changes or modifications to equipment not expressly approved by Datalogic could void the user's authority to operate the equipment.

Power Supply

This device is intended to be connected to a UL Listed/CSA Certified computer which supplies power directly to the reader or else be supplied by UL Listed/CSA Certified Power Unit marked "Class 2" or LPS power source rated 4.5-14 minimum 600mA for GD4310 or rated 5.2V minimum 600mA for GD4330, which supplies power directly to the reader via the power connector of the cable.
Use only authorized power supplies supplied by your Datalogic reseller. The use of any other power supplies can damage the reader and void your warranty.

For USB Power Off Terminal applications, attach to USB 1.0, 1.1 or 2.0 host device only.

Laser Safety Compliance

The laser scanner conforms to the applicable requirements of both CDRH 21 CFR 1040 and EN60825-1 at the date of manufacture. The laser light is visible to the human eye and is emitted from the output window.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in exposure to hazarouds visible laser light.

The laser scanner utilizes a low-power laser diode. Although staring directly at the laser beam momentarily causes no known biological damage, avoid staring at the beam as one would any very strong light source, such as the sun. Avoid allowing the laser beam to hit the eye of an observer, even through reflective surfaces such as mirrors, etc.

The following information is shown on the laser scanner device:

CLASS 1 LED PRODUCT
See Plug for patient listing
CAUTION CLASS 1 LASER
LIGHT WHEN OPEN
AVOID EXPOSURE - LASER LIGHT
IS EMITTED FROM THIS APERTURE

ITALIANO	**LUCE LASER** **NON FISSARE IL RAGGIO** **APPARECCHIO LASER DI CLASSE 2**
FRANÇAIS	**RAYON LASER** **EVITER DE REGARDER LE RAYON** **APPAREIL LASER DE CLASSE 2**
DEUTCH	**LASERSTRAHLUNG** **NICHT IN DEN STRAHL BLICKEN** **PRODUKT DER LASERKLASSE 2**
ESPAÑOL	**RAYO LÁSER** **NO MIRAR FIJO EL RAYO** **APARATO LÁSERDE CLASE 2**

DATALOGIC™

China RoHS

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		有毒有害物质或元素					
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Printed Circuit Board Assembly	电路板组件	X	O	O	O	O	O
Assy, Optics Block	光学组件	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中, 至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量

Radio Frequency Interference Requirements

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

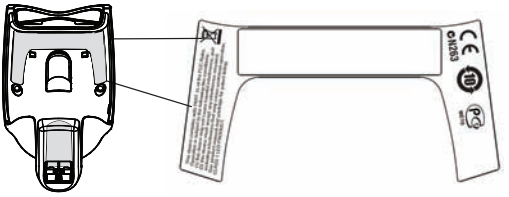
Radio Frequency Interference Requirements - Canada

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Reader Labeling

Labels are shown here to illustrate their location only. Please view the labels on your product for actual details.

Regulatory & Serial Numbers



Waste Electrical and Electronic Equipment (WEEE) Statement

English
For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.scanning.datalogic.com.

Italian
Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.scanning.datalogic.com.

French
Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.scanning.datalogic.com.

German
Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.scanning.datalogic.com.

Spanish
Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.scanning.datalogic.com.

Portuguese
Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.scanning.datalogic.com.

Chinese
有关处理废弃电气电子设备 (WEEE) 的信息， 请参考 Datalogic 公司的网站： http://www.scanning.datalogic.com/。

Japanese
廃電気電子機器 (ＷＥＥ) の処理についての関連事項は Datalogic のサイト www.scanning.datalogic.com をご参照下さい。

Warranty

Datalogic warrants to Customer that Datalogic's products will be free from defects in materials and workmanship for a period of 5 years from product shipment. This warranty does not extend to batteries and cables. As consumable items batteries and cables carry a 90 day warranty from time of purchase for DOA (dead on arrival) defects. In order to obtain service under this Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the Warranty period and obtain from Datalogic a return authorization number for return of the product to designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations.
Warranty is subject to the limitations and exclusions set forth in the paragraphs that follow. WARRANTY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS.

Exclusions

Warranty coverage shall not apply to any claimed defect, failure or damage which Datalogic determines was caused by: improper use of product; failure to provide product maintenance, including but not limited to cleaning of the upper window in accordance with product manual; installation or service of product by other than Datalogic representatives; use of product with any other instrument, equipment or apparatus; modification or alteration of product. External cables and replacement of upper window/cartridge due to scratching, stains or other degradation will not be covered under the Warranty. External power supplies returned for service must be accompanied by the original product for performance of service.

Limitation of Liability

Datalogic's REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCT AS SET FORTH ABOVE IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY ON ACCOUNT OF CLAIMS OF BREACH OF WARRANTY OR PRODUCT DEFECT. UNDER NO CIRCUMSTANCES WILL Datalogic BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER Datalogic HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Assignment

Customer may not assign or otherwise transfer its rights or obligations under Warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession or product being returned to Customer by Datalogic, except such loss or damage as may be caused by the negligence of Customer, its agents or employees. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

NOTES

DECLARATION OF CONFORMITY

CE 09

Datalogic Scanning Group Srl
Via S. Vitalino, 13
Lippo di Calderara di Reno (BO)
40012 Italy

dichiara che
declares that the
déclare que le
bescheinigt, daß das Gerät
declare que el

GD43xx

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alle Direttive del Consiglio Europeo sottoelencate:
are in conformity with the requirements of the European Council Directives listed below:
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:
den nachstehenden angeführten Direktiven des Europäischen Rats:
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista siguiente:

2004/108/EC EMC Directive

Basate sulle legislazioni degli Stati membri in relazione alla compatibilità elettromagnetica ed alla sicurezza dei prodotti.
On the approximation of the laws of Member States relating to electromagnetic compatibility and product safety.
Basée sur la législation des Etats membres relative à la compatibilité électromagnétique et à la sécurité des produits.
Über die Annäherung der Gesetze der Mitgliedsstaaten in bezug auf elektromagnetische Verträglichkeit und Produktsicherheit entsprechen.
Basado en la aproximación de las leyes de los Países Miembros respecto a la compatibilidad electromagnética y las Medidas de seguridad relativas al producto.

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

EN 55022 (CLASS A ITE), SEPTEMBER 1998: **AMENDMENT A1 (CLASS A ITE), OCTOBER 2000**	*LIMITS AND METHODS OF MEASUREMENTS OF RADIO DISTURBANCE CHARACTERISTICS OF INFORMATION TECHNOLOGY EQUIPMENTS*
EN 55024, SEPTEMBER 1998: **AMENDMENT A1:2001+A2:2003**	*INFORMATION TECHNOLOGY EQUIPMENT* *IMMUNITY CHARACTERISTICS* *LIMITS AND METHODS OF MEASUREMENT*

Lippo di Calderara, August 03rd, 2009

Ruggero Cacioppo
Quality Assurance Manager

Ruggero Cacioppo

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